

110.7 - Health Care and Nutrients (Liquid & Solid Forms)

These SRMs and RMs are for use in determining the nutritional contents of foods. The SRMs are certified for such dietary constituents as proximates (solids, ash, protein, carbohydrate, and fat), calories cholesterol, selected fatty acids, vitamins, niacin, folic acid, pantothenic acid, biotin, choline, and selected minerals and trace elements. NOTE: Only selected constituent values are shown below for information. Consult the relevant certificate or report of investigation for all available certified and non-certified values.

Also see [Table 110.1](#), [Table 110.3](#) and [Table 110.9](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1544	1546	1548a	1566b	1570a	1845	1849	1946	1947	2383	2384	2385	2387	3278	8445
Description	Fatty Acids/Cholesterol in Frozen Diet Composite	Meat Homogenate	Typical Diet	Oyster Tissue	Trace Elements in Spinach Leaves	Cholesterol in Whole Egg Powder	Infant/Adult Nutritional Formula	Lake Superior Fish Tissue	Lake Michigan Fish Tissue	Baby Food Composite	Baking Chocolate	Slurried Spinach	Peanut Butter	Tocopherols in Edible Oils	Spray-Dried Whole Egg for Allergen Detection
Unit of Issue	(4x15 g)	(4x85 g)	(set (2))	(25 g)	(60 g)	(35 g)	(10 packets x 10 g each)	(5 x 7-9 grams)	(5 x 8 grams)	(4 X 70 g)	(5 X 91 g)	(4x70 g)	(3 x 170 g)	(5 x 1 mL)	(5 g)
Nutritional Constituent (Concentrations are mass fractions (in %))															
<i>dl-α-Tocopheryl Acetate</i>															
Acrylamide											X		X		
Aflatoxin														X	
Amino Acids		X					X						X		
Ash	1.0	3.21	4.042	3.87	14.66		4.52	1.10	1.07	1.09	2.78	0.97	3.10		
Caffeine											X				
Calories*	1221	252	481				527	159	152	166.5	631.0	18.16	629		
Carbohydrate	16.9	1.77	58.36				50.2	(0.93)	(0.9)	27.49	32.4	2.73	25.0		
Cholesterol	X	X					X								
Elements	X	X	X	X	X		X	X	X		X		X		
Ergocalciferol															
Extractable Fat	3.7	21.0	19.41					10.17	10.4	4.67	51.4		51.6		
Fat as a Sum of Fatty Acids		19.7					31.0	8.76	8.50		50.3	0.20	49.8		
Fatty Acids	X	X					X	X	X		X		X		
Lactose							X								
Nutritional Constituent (Concentrations are mass fractions (in %))															
Methylmercury								X	X						
Moisture	73.1			4.6	3.45			71.4							
Nitrogen			3.03	7.6	6.06										
Nucleotides							X								
PBDE									X						
PCB Congeners								X	X						
Pesticides								X	X						
Protein	5.3	14.9	18.08	42.6	35.8		13.3	17.8	17.0	3.89	13.18	1.42	22.2		48
Saxitoxin Dihydrochloride															
Solids		40.5		95.4	96.55		98.4	28.6	27.1	37.19	98.37	5.28	99.2		
Sucrose		X													
Tocopherols							X				X		X	X	
Total Dietary Fiber			4.31	6.5	30.5						14.5	1.55	5.57		
Vitamins		X					X				X		X		

"X" indicates parameter is characterized. See certificate for values.

* Units for Calories are in kcal/100g

Certified values are normal font.

Reference values are italicized.

Values in parentheses are for information only.

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8642

**FDA Saxitoxin
Dihydrochloride
Solution
(10 x 1.2 mL)**

X

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